

What is claimed is:

1. An input stylus comprising:
  - a housing having a first end and an opposite second end;
  - a microphone located at the second end for receiving acoustical voice signals;
  - 5 a transmitter located in the housing for transmitting electronic voice signals received by the microphone to an external device; and
  - a switch circuit for activating the transmitter.
2. The input stylus of claim 1 further comprising a power supply located within  
10 the housing.
3. The input stylus of claim 1 wherein the transmitter transmits the electronic voice signals via either wireless or wired communication.
- 15 4. A personal digital assistant (PDA) system comprising:
  - a mobile personal digital assistant having a touch screen display for producing input signals in response to physical contact; and
  - an input stylus comprising:
    - a housing having a first end for providing physical contact with the touch  
20 screen, and an opposite second end;
    - a microphone located at the second end for receiving acoustical voice signals;
    - a transmitter located in the housing for transmitting electronic voice signals received by the microphone to the mobile personal digital assistant; and
    - a switch circuit for activating the transmitter.
- 25 5. The personal digital assistant system of claim 4 wherein the mobile personal digital assistant is electrically connected via one or more wires to the input stylus for receiving transmitted voice signals.

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6. The personal digital assistant system of claim 4 wherein the mobile personal digital assistant has a receiver for receiving transmitted voice signals from the input stylus via wireless communication.
- 5 7. The personal digital assistant system of claim 4 wherein the input stylus further comprises a power supply located within the housing.
8. A processing system comprising:  
a computer processor comprising voice translation software for instructing the  
10 computer processor to translate voice signals into machine readable data, the computer processor further comprising a transmitter for transmitting translated voice data;  
a personal digital assistant (PDA) having a touch screen display for producing input signals in response to physical contact, the PDA further comprising a receiver for receiving the transmitted translated voice data from the computer processor; and  
15 an input stylus comprising:  
a housing having a first end for providing physical contact with the touch screen and an opposite second end;  
a microphone located at the second end for receiving acoustical voice  
signals;  
20 a transmitter located in the housing for transmitting electronic voice signals received by the microphone to either the computer processor or the personal digital assistant; and  
a switch circuit for activating the transmitter.
- 25 9. The processing system of claim 8 wherein the input stylus transmits the voice signals to the computer processor via wireless communication, and the computer processor transmits translated voice signal data to the personal digital assistant.

10. The processing system of claim 8 wherein the input stylus transmits voice signals to the PDA, via a wireless communication and wherein the PDA and the computer processor are configured for bi-directional data communication.

5 11. The processing system of claim 8 wherein the stylus and the PDA are electrically connected using at least one wire.

12. A method of inputting data to a personal digital assistant (PDA), the method comprising:

10 receiving input voice signals with a microphone located in a hand-held stylus; transmitting the voice signals from the hand-held stylus to the personal digital assistant; and

translating the received input voice signals into computer readable data and storing the computer readable data in the personal digital assistant.

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13. The method of claim 12 wherein translating the voice signals comprises: receiving the input voice signals transmitted from the hand-held stylus with a personal computer;

translating the input voice signals with the personal computer; and

20 transmitting the translated input voice signals from the personal computer to the personal digital assistant.

14. The method of claim 12 wherein translating the received voice signals comprises:

25 receiving the input voice signals from the hand-held stylus with the personal digital assistant;

transmitting the input voice signals from the personal digital assistant to a personal computer;

translating the input voice signals with the personal computer; and

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transmitting the translated input voice signals from the personal computer to the personal digital assistant.

15. The method of claim 12 wherein translating the received input voice signals is  
5 performed with the personal digital assistant.

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